

1602 P#11



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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/651,685A

DATE: 05/07/2002

TIME: 09:29:54

Input Set : A:\04594.app

Output Set: N:\CRF3\05072002\I651685A.raw

3 <110> APPLICANT: Ward, Peter A.  
 4 Huber-Lang, Markus  
 5 Sarma, Vidya  
 6 Czermak, Boris  
 8 <120> TITLE OF INVENTION: Compositions and Methods for the Treatment of Sepsis  
 10 <130> FILE REFERENCE: UM-04594  
 12 <140> CURRENT APPLICATION NUMBER: 09/651,685A  
 C--> 13 <141> CURRENT FILING DATE: 2002-04-25  
 15 <150> PRIOR APPLICATION NUMBER: 09/387,671  
 16 <151> PRIOR FILING DATE: 1999-08-31  
 18 <160> NUMBER OF SEQ ID NOS: 82  
 20 <170> SOFTWARE: PatentIn Ver. 2.0  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 77  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Rattus norvegicus  
 27 <400> SEQUENCE: 1  
 28 Asp Leu Gln Leu Leu His Gln Lys Val Glu Glu Gln Ala Ala Lys Tyr  
 29 1 5 10 15  
 31 Lys His Arg Val Pro Lys Lys Cys Cys Tyr Asp Gly Ala Arg Glu Asn  
 32 20 25 30  
 34 Lys Tyr Glu Thr Cys Glu Gln Arg Val Ala Arg Val Thr Ile Gly Pro  
 35 35 40 45  
 37 His Cys Ile Arg Ala Phe Asn Glu Cys Cys Thr Ile Ala Asp Lys Ile  
 38 50 55 60  
 40 Arg Lys Glu Ser His His Lys Gly Met Leu Leu Gly Arg  
 41 65 70 75  
 44 <210> SEQ ID NO: 2  
 45 <211> LENGTH: 20  
 46 <212> TYPE: PRT  
 47 <213> ORGANISM: Rattus norvegicus  
 49 <400> SEQUENCE: 2  
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 51 1 5 10 15  
 53 Lys Tyr Glu Thr  
 54 20  
 57 <210> SEQ ID NO: 3  
 58 <211> LENGTH: 74  
 59 <212> TYPE: PRT  
 60 <213> ORGANISM: Homo sapiens  
 62 <400> SEQUENCE: 3  
 63 Met Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser  
 64 1 5 10 15

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66 Val Val Lys Lys Cys Cys Tyr Asp Gly Ala Ser Val Asn Asn Asp Glu
67           20           25           30
69 Thr Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Cys Ile
70           35           40           45
72 Lys Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn
73           50           55           60
75 Ile Ser His Lys Asp Met Gln Leu Gly Arg
76 65           70
79 <210> SEQ ID NO: 4
80 <211> LENGTH: 20
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 4
85 Met Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys His Ser
86 1           5           10           15
88 Val Val Lys Lys
89           20
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 20
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 5
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99 1           5           10           15
101 Arg Ala Ala Arg
102           20
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 20
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 6
111 Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile Ser His Lys Asp Met
112 1           5           10           15
114 Gln Leu Gly Arg
115           20
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 74
120 <212> TYPE: PRT
121 <213> ORGANISM: Bos taurus
123 <400> SEQUENCE: 7
124 Met Leu Lys Lys Lys Ile Glu Glu Glu Ala Ala Lys Tyr Arg Asn Ala
125 1           5           10           15
127 Trp Val Lys Lys Cys Cys Tyr Asp Gly Ala His Arg Asn Asp Asp Glu
128           20           25           30
130 Thr Cys Glu Glu Arg Ala Ala Arg Ile Ala Ile Gly Pro Glu Cys Ile
131           35           40           45
133 Lys Ala Phe Lys Ser Cys Cys Ala Ile Ala Ser Gln Phe Arg Ala Asp
134           50           55           60
136 Glu His His Lys Asn Met Gln Leu Gly Arg

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137 65                               70
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141 <211> LENGTH: 74
142 <212> TYPE: PRT
143 <213> ORGANISM: Sus scrofa
145 <400> SEQUENCE: 8
146 Met Leu Gln Lys Lys Ile Glu Glu Glu Ala Ala Lys Tyr Lys Tyr Ala
147 1 5 10 15
149 Met Leu Lys Lys Cys Cys Tyr Asp Gly Ala Tyr Arg Asn Asp Asp Glu
150 20 25 30
152 Thr Cys Glu Glu Arg Ala Ala Arg Ile Lys Ile Gly Pro Lys Cys Val
153 35 40 45
155 Lys Ala Phe Lys Asp Cys Cys Tyr Ile Ala Asn Gln Val Arg Ala Glu
156 50 55 60
158 Gln Ser His Lys Asn Ile Gln Leu Gly Arg
159 65 70
162 <210> SEQ ID NO: 9
163 <211> LENGTH: 242
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 9
168 gatccagtat gttgcaaaaa aaaattgaag aaattgctgc taaatataaa cattctgttg 60
169 ttaaaaaatg ttgttatgat ggagcttctg ttaataatga tgaaacctgc gaacaacgcg 120
170 ctgctagaat ttctttggga cctagatgta ttaaagcatt tacagaatgt tgtgtgttg 180
171 ottctcaatt gaggcgaata tttctcataa agatatgcaa ttgggaagat aggatccgtc 240
172 ga 242
174 <210> SEQ ID NO: 10
175 <211> LENGTH: 60
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
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183 <211> LENGTH: 60
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 11
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190 <210> SEQ ID NO: 12
191 <211> LENGTH: 231
192 <212> TYPE: DNA
193 <213> ORGANISM: Rattus norvegicus
195 <400> SEQUENCE: 12
196 gacctgcagc tcctgcatca gaaagtggaa gaacaagctg ctaaatacaa acaccgtgtg 60
197 cccaagaaat gctgttatga tggagcccga gaaaacaaat acgaaacctg tgagcagcga 120
198 gttgcccggg tgaccatagg ccacactgc atcagggcct tcaacgagtg ttgtactatt 180
199 gcggataaga tccgaaaaga aagccaccac aaaggcatgc tgttggaag g 231
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 60

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203 <212> TYPE: DNA
204 <213> ORGANISM: Rattus norvegicus
206 <400> SEQUENCE: 13
207 aaacaccgtg tgcccaagaa atgctgttat gatggagccc gagaaaacaa atacgaaacc 60
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 9
211 <212> TYPE: PRT
212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 14
215 Lys Tyr Lys His Ser Val Val Lys Lys
216 1 5
219 <210> SEQ ID NO: 15
220 <211> LENGTH: 6
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 15
225 Val Asn Asn Asp Glu Thr
226 1 5
229 <210> SEQ ID NO: 16
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 16
235 Ala Ala Arg Ile Ser Leu Gly Pro Arg
236 1 5
239 <210> SEQ ID NO: 17
240 <211> LENGTH: 27
241 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 17
245 ttgctgctaa atataaacat tctgttg 27
247 <210> SEQ ID NO: 18
248 <211> LENGTH: 18
249 <212> TYPE: DNA
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 18
253 gagcttctgt taataatg 18
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 27
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 19
261 aacaacgcgc tgctagaatt tcttttg 27
263 <210> SEQ ID NO: 20
264 <211> LENGTH: 9
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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DATE: 05/07/2002

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Input Set : A:\04594.app

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271 <400> SEQUENCE: 20  
272 Lys Tyr Lys His Thr Val Val Lys Lys  
273 1 5  
276 <210> SEQ ID NO: 21  
277 <211> LENGTH: 9  
278 <212> TYPE: PRT  
279 <213> ORGANISM: Artificial Sequence  
281 <220> FEATURE:  
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
284 <400> SEQUENCE: 21  
285 Lys Tyr Lys His Ser Ala Val Lys Lys  
286 1 5  
289 <210> SEQ ID NO: 22  
290 <211> LENGTH: 9  
291 <212> TYPE: PRT  
292 <213> ORGANISM: Artificial Sequence  
294 <220> FEATURE:  
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
297 <400> SEQUENCE: 22  
298 Lys Tyr Lys His Ser Ala Ala Lys Lys  
299 1 5  
302 <210> SEQ ID NO: 23  
303 <211> LENGTH: 9  
304 <212> TYPE: PRT  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
310 <400> SEQUENCE: 23  
311 Lys Tyr Lys His Ser Val Ala Lys Lys  
312 1 5  
315 <210> SEQ ID NO: 24  
316 <211> LENGTH: 6  
317 <212> TYPE: PRT  
318 <213> ORGANISM: Artificial Sequence  
320 <220> FEATURE:  
321 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
323 <400> SEQUENCE: 24  
324 Val Asn Asn Gln Glu Thr  
325 1 5  
328 <210> SEQ ID NO: 25  
329 <211> LENGTH: 6  
330 <212> TYPE: PRT  
331 <213> ORGANISM: Artificial Sequence  
333 <220> FEATURE:  
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
336 <400> SEQUENCE: 25  
337 Val Asn Asn Asp Glu Ser  
338 1 5  
341 <210> SEQ ID NO: 26

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/651,685A

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:77; Xaa Pos. 27  
Seq#:78; Xaa Pos. 15  
Seq#:79; Xaa Pos. 7

## VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:16

L:1138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0

L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0